American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 70 For Week Ended October 27, 1989 NO. 43

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/27/89	Last Week Ending: 10/20/89	Last Year Week Ending: 10/28/88	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,483	13,305	13,029	178	454
Operable capacity	15,576	15,576	15,922	0	-346
Percent operated	86.6	85.4	81.8		
Motor Gasoline					
Total motor gasoline production	6,787	6,806	6,957	-19	-170
Finished leaded motor gasoline production	546	616	1,081	-70	-535
Finished unleaded motor gasoline production	6,241	6,190	5,876	51	365
Total motor gasoline stocks	223,164	223,156	214,570	8	8,594
Finished leaded motor gasoline stocks	20,706	21,275	38,075	-569	-17,369
Finished unleaded motor gasoline stocks	163,615	163,063	139,316	552	24,299
Jet Fuel Kerosine					
Jet fuel kerosine production	1,260	1,337	1,123	-77	137
Jet fuel kerosine stocks	43,392	43,656	41,469	-264	1,923
Distillate Fuel Oil					
Distillate fuel oil production	2,941	2,724	2,790	217	151
Distillate fuel oil stocks	118,658	119,966	128,786	-1,308	-10,128
Residual Fuel Oil					
Residual fuel oil production	1,023	970	877	53	146
Residual fuel oil stocks	48,790	47,508	40,105	1,282	8,685
Imports					
Crude oil imports	6,818	5,152	4,990	1,666	1,828
Product imports	2,075	1,983	2,491	92	-416
Crude Oil Stocks					
Crude oil stocks	344,536	336,454	333,262	8,082	11,274
Crude Supply Balance	409				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,590	1,319	1,349	1,325	101.8
Appal. No. 1	107	99	99	109	90.8
DISTRICT 1 TOTAL	1,697	1,418	1,448	1,434	101.0
Ind., Ill., Ky.	1,645	1,629	1,645	2,198	74.8
Minn., Wisc., Daks.	339	333	335	337	99.4
Okla., Kans., Mo.	709	609	616	730	84.4
DISTRICT 2 TOTAL	2,693	2,571	2,596	3,265	79.5
Inland Texas	540	464	483	555	87.0
Texas Gulf Coast	3,362	3,101	3,135	3,477	90.2
La. Gulf Coast	2,714	2,451	2,507	2,938	85.3
N. La. and Ark.	132	115	118	247	47.8
New Mexico	78	74	74	76	97.4
DISTRICT 3 TOTAL	6,826	6,205	6,317	7,293	86.6
DISTRICT 4 TOTAL	473*	424*	432*	546	79.1*
DISTRICT 5 TOTAL	2,745*	2,652*	2,690*	3,038	88.5*
TOTAL U.S.	14,434	13,270	13,483	15,576	86.6
TOTAL U.S. Weeks Ended:					
OCT. 20, 1989	14,297*	13,156*	13,305*	15,576	85.4*
OCT. 28, 1988	14,262	12,891	13,029	15,922	81.8
DISTRICTS 1-4 Weeks Ended:					
OCT. 27, 1989	11,689	10,618	10,793	12,538	86.1
OCT. 20, 1989	11,556*	10,546*	10,623*	12,538	84.7*
OCT. 28, 1988	11,695	10,433	10,510	12,691	82.8

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 27, 1989

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	631	3	628	1	84	342	141
Appal. No. 1	39	4	35	--	--	32	4
DISTRICT 1 TOTAL	670	7	663	1	84	374	145
Ind., Ill., Ky.	977	14	963	9	70	398	40
Minn., Wisc., Daks.	194	30	164	1	20	92	12
Okla., Kans., Mo.	371	61	310	7	30	197	5
DISTRICT 2 TOTAL	1,542	105	1,437	17	120	687	57
Inland Texas	282	45	237	29	34	107	12
Texas Gulf Coast	1,545	61	1,484	39	320	647	248
La. Gulf Coast	1,211	29	1,182	17	319	523	198
N. La. and Ark.	40	--	40	8	3	40	8
New Mexico	46	16	30	11	1	17	1
DISTRICT 3 TOTAL	3,124	151	2,973	104	677	1,334	467
DISTRICT 4 TOTAL	240	64	176	13	29	120	6
DISTRICT 5 TOTAL	1,211	219	992	47	350	426	348
TOTAL U.S.	6,787	546	6,241	188	1,260	2,941	1,023
TOTAL U.S. Weeks Ended:							
OCT. 20, 1989	6,806	616	6,190	191	1,337	2,724	970
OCT. 28, 1988	6,957	1,081	5,876	225	1,123	2,790	877
DISTRICTS 1-4 Weeks Ended:							
OCT. 27, 1989	5,576	327	5,249	141	910	2,515	675
OCT. 20, 1989	5,598	345	5,253	131	970	2,297	610
OCT. 28, 1988	5,751	808	4,943	174	816	2,446	509

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 27, 1989

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,175	30	4,144	1	73	591	6,709	990	--
Central Atlantic	29,092	235	24,013	4,844	343	5,581	29,013	19,362	14,001
Lower Atlantic	29,014	1,702	27,065	247	565	5,921	14,830	2,944	519
DISTRICT 1 TOTAL	62,281	1,967	55,222	5,092	981	12,093	50,552	23,296	14,520
DISTRICT 2 TOTAL	59,851	7,310	43,991	8,550	827	8,591	28,403	2,959	19,423
DISTRICT 3 TOTAL	65,465	3,563	45,759	16,143	2,089	16,023	26,339	14,330	49,609
DISTRICT 4 TOTAL	6,323	1,792	2,965	1,566	353	659	2,571	523	2,440
DISTRICT 5 TOTAL	29,244	6,074	15,678	7,492	1,611	6,026	10,793	7,682	25,545
TOTAL U.S.	223,164	20,706	163,615	38,843	5,861	43,392	118,658	48,790	111,537
TOTAL U.S. Weeks Ended:									
OCT. 20, 1989	223,156	21,275	163,063	38,818	6,060	43,656	119,966	47,508	108,998
OCT. 28, 1988	214,570	38,075	139,316	37,179	6,409	41,469	128,786	40,105	109,068
DISTRICTS 1-4 Weeks Ended:									
OCT. 27, 1989	193,920	14,632	147,937	31,351	4,250	37,366	107,865	41,108	85,992
OCT. 20, 1989	194,002	15,185	147,364	31,453	4,325	37,927	109,191	39,936	84,083
OCT. 28, 1988	185,027	31,648	124,009	29,370	4,747	34,442	117,302	31,911	80,235

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

WEEKLY STATISTICAL BULLETIN
Week Ended October 27, 1989

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy June 1989	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
OCT. 27, 1989	4,562.0	4,691.0	6,510	572	261,094
OCT. 20, 1989	4,562.0	--	4,861	560	256,794
OCT. 13, 1989	4,562.0	--	6,030	502	262,430
OCT. 6, 1989	4,589.0	--	5,880	645	258,693
DISTRICT 5 TOTAL					
OCT. 27, 1989	2,921.0	2,869.0	308	15	83,442 #
OCT. 20, 1989	2,921.0	--	291*	16	79,660
OCT. 13, 1989	2,921.0	--	447	6	80,328
OCT. 6, 1989	2,890.0	--	416	59	78,371
TOTAL U.S.					
OCT. 27, 1989	7,483.0	7,560.0	6,818	587	344,536 #
OCT. 20, 1989	7,483.0	--	5,152*	576	336,454
OCT. 13, 1989	7,483.0	--	6,477	508	342,758
OCT. 6, 1989	7,479.0	--	6,296	704	337,064
OCT. 28, 1988	8,023.0 a/	--	4,990	698	333,262

INCLUDES 24,009 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1988

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1988 Averages Absolute	1988 Averages Positive	1988 Averages Negative
OCT. 27, 1989	409	445	472	-372

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 27, 1989	14,698	72,454	161,976	11,966	261,094	83,442 #	344,536 #
OCT. 20, 1989	14,163	70,075	160,956	11,600	256,794	79,660	336,454
OCT. 28, 1988	15,230	67,460	156,579	11,816	251,085	82,177	333,262

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	171	--	171	--	--	--	56	--	3	--	--	230
Central Atlantic	124	--	124	117	--	--	139	675	3	75	1	1,134
Lower Atlantic	--	--	--	--	--	27	--	21	--	--	7	55
DISTRICT 1 TOTAL												
OCT. 27, 1989	295	--	295	117	--	27	195	696	6	75	8	1,419
OCT. 20, 1989	495	--	495	43	--	29	217	449	33	65	82	1,413
OCT. 13, 1989	144	--	144	90	--	25	574	276	35	60	5	1,209
OCT. 6, 1989	437	--	437	35	31	39	265	316	26	229	46	1,424
DISTRICTS 2-4 TOTAL												
OCT. 27, 1989	5	--	5	62	4	19	8	60	160	178	70	566
OCT. 20, 1989	8	--	8	6	46	14	4	15	142	225	66	526
OCT. 13, 1989	2	--	2	10	43	61	10	14	188	179	160	667
OCT. 6, 1989	9	--	9	31	4	28	3	12	221	277	137	722
DISTRICT 5 TOTAL												
OCT. 27, 1989	19	--	19	9	--	2	1	22	8	29	--	90
OCT. 20, 1989	29	--	29	--	--	2	2	4	7	--	--	44
OCT. 13, 1989	10	--	10	--	--	5	6	6	5	3	--	35
OCT. 6, 1989	32	--	32	--	--	4	8	9	6	3	--	62
TOTAL U.S.	319	--	319	188	4	48	204	778	174	282	78	2,075
TOTAL U.S. Weeks Ended:												
OCT. 20, 1989	532	--	532	49	46	45	223	468	182	290	148	1,983
OCT. 13, 1989	156	--	156	100	43	91	590	296	228	242	165	1,911
OCT. 6, 1989	478	--	478	66	35	71	276	337	253	509	183	2,208
OCT. 28, 1988	441	--	441	121	3	98	365	600	289	238	336	2,491

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied, used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

10/13/89	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 4 TOTAL	488
			TOTAL U.S.	14,692
			DISTRICTS 1-4	11,986
10/20/89	PAGE 1	TOTAL REFINERY INPUT	DISTRICT 4 TOTAL	438
			DISTRICT 5 TOTAL	2,741
			TOTAL U.S.	14,297
			DISTRICTS 1-4	11,556
		CRUDE OIL RUNS	DISTRICT 4 TOTAL	408
			DISTRICT 5 TOTAL	2,610
			TOTAL U.S.	13,156
			DISTRICTS 1-4	10,546
		INPUT TO CRUDE OIL	DISTRICT 4 TOTAL	408
			DISTRICT 5 TOTAL	2,682
			TOTAL U.S.	13,305
			DISTRICTS 1-4	10,623
		% OPERABLE	DISTRICT 4 TOTAL	74.7
			DISTRICT 5 TOTAL	88.3
			TOTAL U.S.	85.4
			DISTRICTS 1-4	84.7
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICT 5 TOTAL	291
			TOTAL U.S.	5,152